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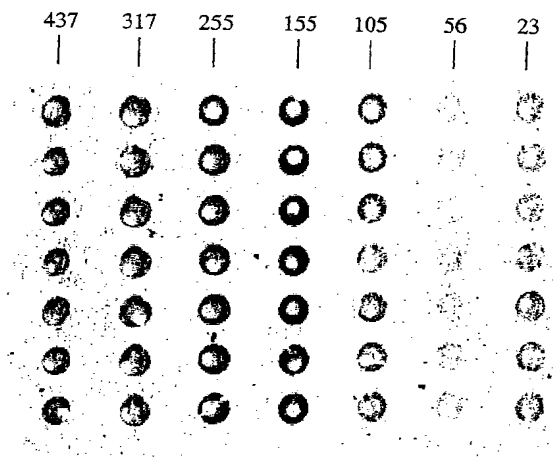
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(54) Title: METHOD AND KIT FOR THE SCREENING AND/OR THE QUANTIFICATION OF MULTIPLE HOMOLOGOUS
NUCLEIC ACID SEQUENCES ON ARRAYS



(57) Abstract: The present invention is related to a new detection and/or quantification method of a nucleotide sequence from other homologous sequences, and being present in a biological sample, comprising the steps of: amplifying or copying at least a part of original nucleotide sequences present in the biological sample into target nucleotide sequences; putting into contact the obtained target nucleotide sequences with corresponding capture nucleotide sequences bounded to an insoluble solid support, characterised in that said capture nucleotide sequences have a (single stranded) length comprised between about 40 and about 400 bases, and in that said capture nucleotide sequences are bounded to the insoluble support according to an array with a density of at least 5 different bound capture nucleotide sequences / cm² surface of solid support; and detecting and/or quantifying a signal resulting from the formation of double stranded nucleotide sequences resulting from the hybridisation by complementary base pairing.



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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	WO 98 11253 A (ERNEST ISABELLE ;REMACLE JOSE (BE); ALEXANDRE ISABELLE (BE); ZAMMA) 19 March 1998 (1998-03-19) cited in the application see whole doc. esp. claims ---	1-10
X	WO 99 16780 A (GALA JEAN LUC ;UNIV LOUVAIN (BE); MINISTERE DE LA DEFENSE NATION () 8 April 1999 (1999-04-08) cited in the application see whole doc. esp. p.12, lines 11-28 --- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Z document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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